CLAIMS:

What is claimed is:

1   1.   A method for saving a submitted form of a web page,
2   said method comprising:

3   receiving, from a user by a browser application
4   executed in a client system, data for a form in a web
5   page; and

6   prior to submission of the form with the data to a
7   server system hosting the web page, saving an address of
8   the web page, the data provided from the user for the
9   form, and at least one field identifier for associating
10   the data to at least one respective field of the form,
11   into a volatile memory system of the client system,
12   wherein the address, the data, and the at least one field
13   identifier are still stored in the volatile memory system
14   after the browser application is closed.

2.   The method according to Claim 1, further comprising:

in response to the user opening the browser application that had been closed and again requesting retrieval of the web page, retrieving the web page from the server system; and

automatically filling in the form of the web page with the data stored in the volatile memory system.

3.   The method according to Claim 2, wherein automatically filling in the form of the web page with the data stored in the volatile memory system further comprises:

parsing, by the browser application, the data for the form; and

displaying, by the browser application, the form with the data.

4.   The method according to Claim 1, further comprising:

in response to the user opening the browser application that had been closed and again requesting retrieval of the web page, retrieving the web page from the server system;

automatically filling in the form of the web page with the data stored in the volatile memory system;

receiving, by the browser application, a request from the user for retrieval of a web page;

10   comparing an address of the requested web page with

11   the address stored in the volatile memory system;

12   in response to a match between the address of the

13   requested web page and the address stored in the volatile

14   memory system, querying, by the browser application,

15   whether the user wishes to fill in the form using the data

16   saved in the volatile memory system; and

17   only in response to the browser application receiving

18   an indication that the user wishes to fill in the form

19   with the data saved in the volatile memory system,

20   implementing, by the browser application, the retrieving

21   and filling in steps.

5.   The method according to Claim 4, further comprising:

determining whether the requested web page has a
submittable form; and

only in response to the requested web page having the
submittable form, implementing, by the browser
application, the receiving and saving steps.

6.   The method according to Claim 1, wherein saving an
address of the web page and the data provided from the
user for the form further comprises:

calling a clipboard operation of an operating system
on which the client system operates to save the address,
the data, and the at least one field identifier into the
volatile memory system.

1   7.   The method according to Claim 1, further comprising:

2   in response to the data for the form being

3   successfully submitted to the server system and the

4   browser application receiving another request for a next

5   web page from the user, erasing, if required, the data

6   from the volatile memory system.

1   8.   A system for saving a submitted form of a web page,

2   said system comprising:

3   means for receiving, from a user by a browser

4   application executed in a client system, data for a form

5   in a web page; and

6   means for saving an address of the web page, the data

7   provided from the user for the form, and at least one

8   field identifier for associating the data to at least one

9   respective field of the form, into a volatile memory

10   system of the client system prior to submission of the

11   form with the data to a server system hosting the web

12   page, wherein the address, the data, and the at least one

13   field identifier are still stored in the volatile memory

14   system after the browser application is closed.

1   9.   The system according to Claim 8, further comprising:

2   means for retrieving the web page from the server
3   system in response to the user opening the browser
4   application that had been closed and again requesting
5   retrieval of the web page; and

6   means for automatically filling in the form of the
7   web page with the data stored in the volatile memory
8   system.

1   10.   The system according to Claim 9, wherein said means
2   for automatically filling in the form of the web page with
3   the data stored in the volatile memory system further
4   comprises:

5   means for parsing, by the browser application, the
6   data for the form; and

7   means for displaying, by the browser application, the
8   form with the data.

1   11.   The system according to Claim 8, further comprising:

2   means for retrieving the web page from the server
3   system in response to the user opening the browser
4   application that had been closed and again requesting
5   retrieval of the web page;

6   means for automatically filling in the form of the
7   web page with the data stored in the volatile memory
8   system;

9   means for receiving, by the browser application, a

10   request from the user for retrieval of a web page;

11   means for comparing an address of the requested web

12   page with the address stored in the volatile memory

13   system;

14   means for querying, by the browser application,

15   whether the user wishes to fill in the form using the data

16   saved in the volatile memory system in response to a match

17   between the address of the requested web page and the

18   address stored in the volatile memory system; and

19   means for implementing, by the browser application,

20   the retrieving and filling in steps only in response to

21   the browser application receiving an indication that the

22   user wishes to fill in the form with the data saved in the

23   volatile memory system.

1   12.   The system according to Claim 11, further

2   comprising:

3   means for determining whether the requested web page

4   has a submittable form; and

5

6   means for implementing, by the browser application,

7   the receiving and saving steps only in response to the

8   requested web page having the submittable form.

1   13.   The system according to Claim 8, wherein said means

2   for saving an address of the web page and the data

3   provided from the user for the form further comprises:

4   means for calling a clipboard operation of an

5   operating system on which the client system operates to

6   save the address, the data, and the at least one field

7   identifier into the volatile memory system.

1   14.   The system according to Claim 8, further comprising:

2   means for erasing, if required, the data from the

3   volatile memory system in response to the data for the

4   form being successfully submitted to the server system and

5   the browser application receiving another request for a

6   next web page from the user.

15. A program product for saving a submitted form of a web page, said program product comprising:

instruction means for receiving, from a user by a browser application executed in a client system, data for a form in a web page;

instruction means for saving an address of the web page, the data provided from the user for the form, and at least one field identifier for associating the data to at least one respective field of the form, into a volatile memory system of the client system prior to submission of the form with the data to a server system hosting the web page, wherein the address, the data, and the at least one field identifier are still stored in the volatile memory system after the browser application is closed; and

computer usable media bearing said control program.

16. The program product according to Claim 15, further comprising:

instruction means for retrieving the web page from the server system in response to the user opening the browser application that had been closed and again requesting retrieval of the web page; and

instruction means for automatically filling in the form of the web page with the data stored in the volatile memory system.

17. The program product according to Claim 16, wherein said instruction means for automatically filling in the

3   form of the web page with the data stored in the volatile
4   memory system further comprises:

5   instruction means for parsing, by the browser
6   application, the data for the form; and

7   instruction means for displaying, by the browser
8   application, the form with the data.

1   18.   The program product according to Claim 15, further
2   comprising:

3   instruction means for retrieving the web page from
4   the server system in response to the user opening the
5   browser application that had been closed and again
6   requesting retrieval of the web page;

7   instruction means for automatically filling in the
8   form of the web page with the data stored in the volatile
9   memory system;

10   instruction means for receiving, by the browser
11   application, a request from the user for retrieval of a
12   web page;

13   instruction means for comparing an address of the
14   requested web page with the address stored in the volatile
15   memory system;

16   instruction means for querying, by the browser
17   application, whether the user wishes to fill in the form
18   using the data saved in the volatile memory system in
19   response to a match between the address of the requested

20   web page and the address stored in the volatile memory
21   system; and

22   instruction means for implementing, by the browser
23   application, the retrieving and filling in steps only in
24   response to the browser application receiving an
25   indication that the user wishes to fill in the form with
26   the data saved in the volatile memory system.

1   19.   The program product according to Claim 18, further
2   comprising:

3   instruction means for determining whether the
4   requested web page has a submittable form; and

5   instruction means for implementing, by the browser
6   application, the receiving and saving steps only in
7   response to the requested web page having the submittable
8   form.

1   20.   The program product according to Claim 15, wherein
2   said instruction means for saving an address of the web
3   page and the data provided from the user for the form
4   further comprises:

5   instruction means for calling a clipboard operation
6   of an operating system on which the client system operates
7   to save the address, the data, and the at least one field
8   identifier into the volatile memory system.

1   21.   The program product according to Claim 15, further
2   comprising:

3   instruction means for erasing, if required, the data

4   from the volatile memory system in response to the data

5   for the form being successfully submitted to the server

6   system and the browser application receiving another

7   request for a next web page from the user.